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Wismer, C.A., H. Koike and W.J.Apt, J.P. Martin - Some Biological Factors Associated with Yield Decline of Sugarcane Varieties in Hawaii(abst)Aug 40
Wittwer, S.H., H.B. Tukey, F.G. Teubner and Wm.G. Long, Jorge J. Landrom - Current Status of Nutritional Spraying as Revealed by Radioactives Isotopes (abst) Nov 55
Zemanek, L.A. - Phosphoric Acid Defecation in Pressure Filtration at the Crockett Refinery (abst) Apr 34
Zomosa, Eduardo W., Jack R. Nail, William R. Irey and - Pre-Emergence Herbicides Reduce Labor costs Sep 30